ABSTRACT OF THE DISCLOSURE

In a method to support the diagnosis and/or therapy of a pathological change of a blood vessel of a patient, in particular in the context of coronary heart disease at a first point in time of a pixel-based or voxel-based first image is acquired with the blood vessel of interest by an imaging method, a determination is made from the first image of a quantity of existing non-calcified plaque and a quantity of existing calcium-rich plaque, a determination of a first indicator value is made from the quantities of the different plaque types that represents a measurement of the quantity and the composition of plaque present in the blood vessel at the first point in time, a comparison of the first indicator value is made with at least one limit value stored in a storage of a data processing device, and dependent on the comparison, a presentation is made on an output unit associated with the electronic data processing device of either a proposal for a measure to be undertaken on the patient, or a proposal for no measure.

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